Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trad emark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. END919980079US2 First Inventor Anastasios P. Angelopoulos PROMOTING ADHESION BETWEEN A POLYMER

Title AND A METALLIC SUBSTRATE

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. MS Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 7. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. X Specification [Total Pages 19 Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the invention - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D
 Reference to sequence listing, a table Statements verifying identity of above copies or a computer program listing appendix

- Background of the Invention ACCOMPANYING APPLICATION PARTS - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) 9. - Detailed Description 37 CFR 3.73(b) Statement Power of Claim(s) 10. - Abstract of the Disclosure (when there is an assignee) Attorney χ Drawing(s) (35 U.S.C. 113) 0 11. English Translation Document (if applicable) Total Sheets Information Disclosure Copies of IDS 5. Oath or Declaration [Total Sheets 5 12. X Statement (IDS)/PTO-1449 Newly executed (original or copy) 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14. (Should be specifically itemized) (for continuation/divisional with Box 18 completed) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data S heet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation | X | Divisional 09/322.132 M.R. Jackson Art Unit: Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 30678 Correspondence address below Name Address Zip Code City State Telephone Country Registration No. (Attorne y/Agent) Name (Print/Type) John A. Signature

PTO/SB/17 (10-03)
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| FEE TRANSMITTAL | | | | | Complete if Known |
|---|-------|-----------|---------|-----------|--|
| FEE IKANSIVIIIIAL | , | Applic | ation | Numb | er To Be Assigned |
| for FY 2004 | | Filing | Date | | Herewith |
| | | First I | Named | d Inver | ntor Anastasios P. Angelopoulos |
| Effective 10/01/2003, Patent fees are subject to annual revision. | | Prior 6 | Examir | ner Nar | me M. R. Jackson |
| Applicant claims small entity status. See 37 CFR 1.27 | | Prior A | Art Uni | t | 1773 |
| TOTAL AMOUNT OF PAYMENT (\$) 770.00 | | Attom | ey Do | cket No | o. END919980079US2 |
| METHOD OF PAYMENT (check all that apply) | | | | FEE | CALCULATION (continued) |
| Check Credit Money Other None | 3 / | ADDITIO | DNAI | FFFS | |
| Card Corder C | " | | | | |
| X Depos it Account: | Lara | e Entity | Small | Entity | |
| Deposit Account 09-0457 | Fee | Fee | Fee | Fee | - Eco Docariation |
| Number | Code | (\$) | Code | (\$) | Fee Description Fee Paid |
| Deposit Account IBM Corporation (Endicott) | 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath |
| Name The Director is authorized to: (check all that apply) | 1052 | 50 | 2052 | 25 | Surcharge – late provisional filing fee or cover sheet. |
| X Charge fee(s) indicated below X Cred it any overpayments | 1053 | 130 | 1053 | 130 | Non-English specification |
| X Charge any additional fee(s) or any underpayment of fee(s) | 1812 | | 1812 | | For filing a request for ex parte reexamination |
| Things any additional receipt of any analysis in the receipt | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | 1805 | 1,840* | 1805 | | Examiner action Requesting publication of SIR after |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Examiner action Extension for reply within first month |
| 1. BASIC FILING FEE | 1252 | 420 | 2252 | 210 | Extension for reply within second month |
| Large Entity Small Entity | 1253 | 950 | 2253 | | Extension for reply within third month |
| Fee Fee Fee Fee Description Fee Paid | 1254 | 1,480 | 2254 | | Extension for reply within fourth month |
| Code (\$) Code (\$) | 1255 | | 2255 | | E xtension for reply within fifth month |
| 1001 770 2001 385 Utility filing fee | 1401 | 330 | 2401 | | · · · · · · · · · · · · · · · · · · · |
| 1003 530 2003 265 Plant filing fee | 1402 | | 2402 | 165 | Filing a brief in support of an appeal |
| 1004 770 2004 385 Reissue filing fee | 1403 | | 2403 | 145 | Request for oral hearing |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | P etition to institute a public use proceeding |
| 011070741 (4) ((2) 770.00 | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable |
| SUBTOTAL (1) (\$) 770.00 | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) |
| Extra Fee from Claims below Fee Paid | 1502 | 480 | 2502 | 240 | Design issue fee |
| Total Claims 10 -20** = x = 0.00 | 1503 | 640 | 2503 | 320 | Plant issue fee |
| Independent 1 -3** = x = 0.00 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |
| Multiple Dependent = | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |
| Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |
| Fee Fee Fee Fee Fee Description | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| Code (\$) Code (\$) | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection |
| 1201 86 2201 43 Independent claims in excess of 3 | l | | | | (37 CFR 1.129(a)) For each additional invention to be |
| 1203 290 2203 145 Multiple dependent claim, if not paid | 1810 | | 2810 | 385 | examined (37CFR 1.129(b)) |
| 1204 86 2204 43 ** Reissue independent claims over original patent | 1801 | | 2801 | 385 | Request for Continued Examination (RCE) Request for expedited examination |
| 1205 18 2205 9 ** Reissue claims in excess of 20 | 1802 | | 1802 | 900 | of a design application |
| and over original patent | 1 | fee (spe | • • | | 0.0000000000000000000000000000000000000 |
| SUBTOTAL (2) (\$) 0.00 | *Red | luced by | Basic F | iling Fee | e Paid SUBTOTAL (3) (\$) 0.00 |
| **or number previously paid, if greater; For Reissues, see above | | | | | |
| SUBMITTED BY | Regis | tration N | , [| 1466 | (Complete (if applicable)) |
| Name (Print/Type) John A. El/ans | | ney/Agent | | 1,100 | Telephone (202) 331-7111 |
| | | | | | 1 |

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of: A. P. Angelopoulos et al

Group Art Unit:

: IBM Corporation

Examiner:

: Intellectual Property Law

Serial No.:

Department N50/040-4

Filed: Herewith

: 1701 North Street

Title:Promoting Adhesion Between A

Polymer And A Metallic Substrate

Endicott, NY 13760

Assistant Commissioner For Patents

Washington, D.C. 20231

COMMUNICATION

Dear Sir:

We are enclosing a true copy of the "Letters of Administration" for the Estate of Stephen J. Fuerniss, deceased, an inventor on the above identified application. This certifies Joan Cangelosi, sister of the deceased, is qualified according to law as Independent Administrator of the Estate of Stephen J. Fuerniss.

The Commissioner is authorized to charge any fees associated with this submission to Deposit Account number 09-0457.

Date 05/27/99

Respectfully submitted

Lawrence R. Fraley Reg. No. 26,885

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(607) 755-3250